

02/14/02

Jc759 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 678-803(P10165)

First Inventor Jae-Yoel KIM

Title Apparatus and Method for Coding/Decoding...

Express Mail Label No. EV035531914US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 32]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. ☒ Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- b. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Checks for \$1,640 and \$40.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	Paul J. Farrell, Esq.				
Address	DILWORTH & BARRESE, LLP				
	333 Earle Ovington Blvd.				
City	Uniondale	State	New York	Zip Code	11553
Country	U.S.A.	Telephone	(516) 228-8484	Fax	(516) 228-8516

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494
Signature		Date	02/14/02

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV035531914US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: February 14, 2002

  
Douglas Owens

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ ) 1,680.00**Complete if Known**

Application Number	
Filing Date	Herewith
First Named Inventor	Jae-Yoel KIM
Examiner Name	
Group Art Unit	
Attorney Docket No.	678-810(P10178)

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

04-1121

Deposit  
Account  
Name

DILWORTH &amp; BARRESE, LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
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101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

**Fee Paid**

\$740.00

**SUBTOTAL (1)** (\$ ) 740.00**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
28	-20** = 8	\$18	\$144
12	-3** = 9	\$84	\$756
Multiple Dependent		\$280	=0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
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103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ ) 900.00**FEE CALCULATION (continued)****3. ADDITIONAL FEES**Large Entity Small Entity  
Fee Fee Fee Fee  
Code (\$ ) Code (\$ )

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	920	217	460	Extension for reply within third month
118	1,440	218	720	Extension for reply within fourth month
128	1,960	228	980	Extension for reply within fifth month
119	320	219	160	Notice of Appeal
120	320	220	160	Filing a brief in support of an appeal
121	280	221	140	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive - unavoidable
141	1,280	241	640	Petition to revive - unintentional
142	1,280	242	640	Utility issue fee (or reissue)
143	460	243	230	Design issue fee
144	620	244	310	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application

**Fee Paid**

\$40

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 40.00**SUBMITTED BY**

Name (Print/Type)

Paul J. Farrell, Esq.

Registration No.  
(Attorney/Agent)

33,494

**Complete (if applicable)**

Telephone

(516) 228-8484

Signature

Date

02/14/02

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee". Mail Label Number EV035531928US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20221

Dated: 02/14/02

  
Douglas Owens

PATENT  
Atty. Docket No. 678-803(P10165)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Jae Yoel-KIM

For: **APPARATUS AND METHOD FOR CODING/DECODING  
CHANNELS IN A MOBILE COMMUNICATION SYSTEM**

Enclosed are:

- [X] 21 page(s) of specification  
[X] 1 page(s) of Abstract  
[X] 10 page(s) of claims  
[X] 6 sheets of drawings [X] formal [ ] informal  
[X] 2 page(s) of Declaration and Power of Attorney

ASSIGNEE NAME: **SAMSUNG ELECTRONICS CO., LTD.**


ASSIGNEE RESIDENCE: **KYUNGKI-DO, KOREA**

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date February 14, 2002 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV035531914US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Douglas Owens

(Type or print name of person mailing paper)

  
(Signature of person mailing paper)

- ☐ This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s):

APPLICATION NO(S):

FILING DATE

1

- ☐ Certified copy of application

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
Korea	2001-7625	February 15, 2001
Korea	2001-7628	February 15, 2001

from which priority under Title 35 United States Code, § 119 is claimed

☐ is enclosed.

☒ will follow.

**CALCULATION OF UTILITY APPLICATION FEE**

For	Number Filed	Number Extra	Rate	Basic Fee \$740.00
TOTAL CLAIMS	28	8	x 18 =	\$144.00
INDEPENDENT CLAIMS	12	9	x 84 =	\$756.00
<input type="checkbox"/> Multiple Dep. Claim			280	\$0.00
			<b>TOTAL \$1,640.00</b>	

- ☐ Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

\*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

☐ The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

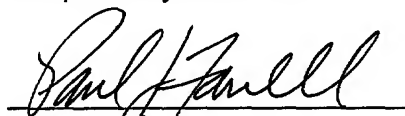
☒ Check in the amount of \$1,640.00 to cover the ☐ recording, ☒ filing fee(s) are attached.

☐ Charge fee to Deposit Account No. 04-1121. Order No. \_\_\_\_\_  
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

Respectfully submitted,

Date: February 14, 2002



Paul J. Farrell  
Reg. No. 33,494

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